

CLAIMS:

252/299-01
 1. A liquid crystal polymer composition comprising 100 parts by weight of a liquid crystal polymer (A) and 5-100 parts by weight of a plate-shaped filler (B) satisfying the following formulae (1) and (2) and having an average particle diameter of $0.5-100\mu\text{m}$.

$$D/W \leq 5 \quad (1)$$

$$3 \leq W/H \leq 200 \quad (2)$$

wherein D is the maximum particle diameter of the plate-shaped filler (B), and the direction of the diameter D is defined as x; W is a particle's diameter which is in the direction y at the right angle to the direction x; and H is a thickness of the particle in the direction of z which is vertical to the xy-plane.

2. The composition according to claim 1, wherein 5-100 parts by weight of a fibrous filler (C) having an average fiber diameter of $5-20\mu\text{m}$ and an average aspect ratio of at least 15 are further compounded therewith to 100 parts by weight of the liquid crystal polymer (A).

Sub A)
 3. The composition according to claim 1 or 2, wherein the plate-shaped filler (B) consists of at least one substance selected from talc, mica, kaolin and graphite.

4. The composition according to claim 2 or 3, wherein the fibrous filler (C) is glass fiber.

5. The composition according to any of claims 1 to 4,
wherein the liquid crystal polymer (A) is a polyester amide.

6. A connector which is manufactured from the
composition mentioned in any of claims 1-5.

Add New
Claims
A₂